Permit No.: ID-000007-8
Application No.: ID-000007-8

AUTHORIZATION TO DISCHARGE UNDER THE

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Federal Water Pollution Control Act, as amended, (33 U.S.C. § 1251 et seq; the "Act"),

The Bunker Hill Company
P. O. Box 29
Kellogg, Idaho 83837

is authorized to discharge from a facility located near Kellogg, Idaho,

to receiving waters named South Fork Coeur d'Alene River, Bunker Creek, Government Creek, and Big Creek,

in accordance with effluent limitations, monitoring requirements and other conditions set forth in Parts I, II, and III hereof.

This permit shall become effective on December 1, 1977.

This permit and the authorization to discharge shall expire at midnight, June 30, 1982.

Signed this 31st day of October, 1977.

Director, Enforcement Division

PART I

Permit No.: ID-000007-8

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning on the effective date and lasting through the expiration date, the permittee is authorized to discharge uncontaminated compressor cooling water from the Crescent Mine from outfall serial number 001.

a. Such discharges shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERIATIC	DISCHARGE LIMITATIONS				MONITORING REQUIREMENTS	
	kg/day Daily Avg	(lbs/day) Daily Max	Other Units Daily Avg	Specify Daily Max	Measurement Frequency	Sample Type
Flow-m^3/Day (MGD)	N/A	N/A	N/A	1635 (0.432)	Monthly	--
Total Copper	(No Net increase above background) 1/				Monthly	grab

b. There shall be no discharge of floating solids or visible foam in other than trace amounts.

c. Samples taken in compliance with the monitoring requirements specified above shall be taken at the following locations: In Big Creek above the intake structure and in the effluent stream at the bottom of the hill immediately prior to its disapearance into the boulders above Big Creek.

1/ No net increase above background shall be interpreted to mean that there is no increase in Total Copper as measured in Big Creek above the intake structure and in the effluent stream at the bottom of the hill immediately prior to its disappearance into the boulders above Big Creek, within the limits of analytical accuracy as defined in EPA publication "Methods for Chemical Analysis of Water and Wastes" (EPA 625-16-74-003).

PART I

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

2. During the period beginning on the effective date and lasting through December 31, 1979, the permittee is authorized to discharge from outfall serial number 006 (Central Treatment Plant).

a. Such discharges shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTIC	DISCHARGE LIMITATIONS				MONITORING REQUIREMENTS	
	kg/day (lbs/day)		Other Units	Specify	Measurement	Sample
	Daily Avg	Daily Max	Daily Avg	Daily Max	Frequency	Type
Flow-m^3/Day (MGD)	N/A	N/A	40,500 (10.7)	60,600 (16.0)	Continuous	---
Dissolved Zinc	35 (77)	70 (154)	0.85 mg/l	1.7 mg/l	Daily	24 hour Composite
Combined Total (Dissolved Cadmium) (Dissolved Copper) (Dissolved Lead)	40.5 (89)	60.7 (113)	1.0 mg/l	1.5 mg/l	Daily	24 hour Composite
Total Mercury	0.23 (0.5)	0.34 (0.75)	N/A	N/A	Daily	24 hour Composite
Total Suspended Solids	1620 (3560)	2430 (5350)	40 mg/l	60 mg/l	Daily	Grab
Total Phosphorus	40.5 (89)	60.7 (113)	1.0 mg/l	1.5 mg/l	Daily	24 hour Composite
Total Cadmium	N/A	N/A	N/A	N/A	Daily	24 hour Composite
Total Lead	N/A	N/A	N/A	N/A	Weekly	24 hour Composite
Total Zinc	N/A	N/A	N/A	N/A	Daily	24 hour Composite
Total Copper	N/A	N/A	N/A	N/A	Weekly	24 hour Composite

b. The pH shall not be less than 6.0 standard units nor greater than 9.5 standard units and shall be monitored continuously.

c. There shall be no discharge of floating solids or visible foam in other than trace amounts.

d. Samples taken in compliance with the monitoring requirements specified above shall be taken at the following locations: In the effluent stream after treatment and immediately prior to discharge to Bunker Creek.

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

3. During the period beginning on January 1, 1980, and lasting through the expiration date, the permittee is authorized to discharge from outfall serial number 006 (Central Treatment Plant).

a. Such discharges shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTIC	DISCHARGE LIMITATIONS				MONITORING REQUIREMENTS	
	kg/day (lbs/day)		Other Units	Specify	Measurement	Sample
	Daily Avg.	Daily Max.	Daily Avg.	Daily Max.	Frequency	Type
Flow-m^3/Day (MGD)	N/A	N/A	N/A	N/A	Continuous	---
Total Suspended Solids	N/A	N/A	20 mg/l	30 mg/l	Daily	Grab
Total Zinc	74.1 [1/] (163)	253.2 (557)	5.0 mg/l	10 mg/l	Daily	24 hour Composite
Total Cadmium	N/A	N/A	0.2 mg/l	0.4 mg/l	Daily	24 hour Composite
Total Phosphorus	40.5 (89)	60.7 (133)	1.0 mg/l	1.5 mg/l	Daily	24 hour Composite
Total Mercury	0.23 (0.5)	0.34 (0.75)	N/A	N/A	Daily	24 hour Composite
Total Lead	N/A	N/A	N/A	N/A	Weekly	24 hour Composite
Total Copper	N/A	N/A	N/A	N/A	Weekly	24 hour Composite
Total Cyanide	N/A	N/A	N/A	N/A	Weekly	24 hour Composite
Total Fluoride	N/A	N/A	N/A	N/A	Weekly	24 hour Composite

1/ Additional discharges of total zinc will be allowed under the following conditions:

(i) When daily average mine wastewater flows from the Kellogg Tunnel plus monthly net precipitation on the Central Impoundment Area (CIA) for the previous calendar month exceeds 2.88 mgd. Allowable discharges shall be determined in accordance with paragraph (iii) below.

(ii) When the water level in the CIA exceeds six (6) feet on the staff gage located on the decant tower, and is a direct result of high precipitation, high wastewater flows from the Kellogg Tunnel, and/or unscheduled shutdown of the Central Treatment Plant for emergency repairs, provided; that the water levels exceeding six (6) feet on the staff gage occurred despite all reasonable efforts of permittee to prevent the water from reaching that point. The average discharge of total zinc during such discharge period shall not exceed 312 pounds per day.

If this provision is utilized, the permittee shall notify the Director, Enforcement Division and the State in writing within five (5) days of the time that the discharge begins and again within five (5) days of when it ends. The first notification shall supply the following information:

1. Which factor or factors (precipitation events, Kellogg Tunnel Mine Flows, or Central Treatment Plant shutdown) caused the emergency discharge.

2. Measures taken to avoid the need for additional discharges of total zinc.

3. Daily volumes from each source into the CIA for the 30 day period prior to the discharge occurrence.

4. Tabulated daily discharge volumes from discharge serial number 006 for the 30 day period prior to the emergency discharge occurrence.

5. Anticipated duration of the emergency discharge period.

6. Any other factors contributing to the occurrence of such event.

(iii) Additional poundage allocation for daily average total zinc for the following calendar month shall be calculated as follows:

$$\text{Daily Average Zinc (lbs/day)} = [\text{MNP (mgd)} + \text{Daily Average Mine flow (mgd)} - 2.88] \times (41.7) - \frac{\text{EDP (days)}}{30} \times [\text{Delta EPAD (lbs/day)}]$$

At no time shall the additional zinc poundage allocation cause the daily average total zinc discharge to exceed 312 lbs/day.

Definitions:

(MNP) Monthly Net Precipitation = $\frac{\text{Monthly Precipitation - Monthly Evaporation}}{30}$

Monthly Precipitation (million gallons) = (Total monthly precipitation in inches)(4.34 million gallons per inch).

Monthly Evaporation (million gallons) = (Total monthly evaporation in inches)(4.34 million gallons per inch).

(EPD) Emergency Discharge Period = Number of days that discharge in accordance with (ii) above occurred.

(EPAD) Emergency Period Average Discharge = The total discharge by weight of zinc during the emergency discharge period divided by the number of days in that emergency period.

(Delta EPAD) = EPAD (lbs/day) minus the allowable daily average total zinc discharge.

b. The pH shall not be less than 6.0 standard units nor greater than 9.5 standard units and shall be monitored continuously.

c. There shall be no discharge of floating solids of visible foam in other than trace amounts.

d. Samples taken in compliance with the monitoring requirements specified above shall be taken at the following locations: In the effluent stream after treatment and immediately prior to discharge to Bunker Creek.

e. The mine wastewater flow from Kellogg Tunnel shall be continuously recorded and reported in accordance with Part I.C.2.

f. The permittee shall install, maintain and operate a precipitation gage(s) and an evaporation gage(s) which are located so as to yield representative values of precipitation and evaporation both on and from the CIA. The total monthly precipitation and the total monthly evaporation shall be recorded and reported in accordance with Part I.C.2. These values will be used in calculating the monthly precipitation and monthly evaporation in footnote 1/.

g. The emergency period average discharge and the duration of the emergency discharge period shall be recorded and reported in accordance with Part I.C.2.

h. The number of days of Central Treatment Plant shutdown shall be recorded and reported in accordance with Part I.C.2.

i. Staff level gage readings on the CIA shall be taken daily recorded and submitted in tabular form in accordance with Part I.C.2.

A. EFFLUENT LIMITAITONS AND MONITORING REQUIREMENTS

4. During the period beginning on the effective date and lasting through March 31, 1978, the permittee is authorized to discharge from outfall serial number 008 (Booster Station overflow).

a. Such discharges shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTIC	DISCHARGE LIMITATIONS				MONITORING REQUIREMENTS	
	kg/day Daily Avg	(lbs/day) Daily Max	Other Units Daily Avg	Specify Daily Max	Measurement Frequency	Sample Type
Flow-m^3/Day (MGD)	N/A	N/A	5300 (1.4)	9850 (2.6)	daily	Measure
Total Lead	N/A	N/A	N/A	0.30 mg/l	weekly	24 hour composite
Total Zinc	N/A	N/A	N/A	26.0 mg/l	weekly	24 hour composite
Total Copper	N/A	N/A	N/A	0.9 mg/l	weekly	24 hour composite
Total Cadmium	N/A	N/A	N/A	0.06 mg/l	weekly	24 hour composite

b. There shall be no discharge of floating solids or visible foam in other than trace amounts.

c. Samples taken in compliance with the monitoring requirements specified above shall be taken at the following locations: In the effluent stream immediately prior to discharge to the receiving water.

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

5. During the period beginning April 1, 1978, and lasting through the expiration date, the permittee is authorized to discharge from outfall serial number 008 (Booster Station overflow).

a. Such discharges shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTIC	DISCHARGE LIMITATIONS				MONITORING REQUIREMENTS	
	kg/day Daily Avg	(lbs/day) Daily Max	Other Units Daily Avg	Specify Daily Max	Measurement Frequency	Sample Type
Flow-m^3/Day (MGD)	N/A	N/A	5300 (1.4)	9850 (2.6)	daily	measure
Total Lead	N/A	N/A	0.1 mg/l	0.3 mg/l	monthly	grab
Total Zinc	N/A	N/A	0.5 mg/l	1.0 mg/l	monthly	grab
Total Copper	N/A	N/A	0.01 mg/l	0.07 mg/l	monthly	grab
Total Cadmium	N/A	N/A	0.01 mg/l	0.07 mg/l	monthly	grab

b. The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored monthly with a grab sample.

c. There shall be no discharge of floating solids or visible foam in other than trace amounts.

d. Samples taken in compliance with the monitoring requirements specified above shall be taken at the following locations: in the effluent stream immediately prior to discharge to the receiving water.

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

6. During the period beginning on the effective date and lasting through the expiration date, the permittee is authorized to discharge from outfall serial number 009 (number 96 Tunnel).

7. During the period beginning on the effective date and lasting through March 31, 1978, the permittee is authorized to discharge from outfall serial number 010 (Zinc Plant Main Reservoir Overflow).

8. During the period beginning on April 1, 1978, and lasting through the expiration date, no discharge from outfall serial number 010 (Zinc Plant Main Reservoir Overflow) shall be allowed.

9. During the period beginning on the effective date and lasting through the expiration date, the permittee is authorized to discharge from outfall serial number 011 (Zinc Plant Domestic Water Bleed).

a. Such discharges shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTIC	DISCHARGE LIMITATIONS				MONITORING REQUIREMENTS	
	kg/day	lbs/day	Other Units	(Specify)	Measurement	Sample
	Daily Avg	Daily Max	Daily Avg	Daily Max	Frequency	Type
Flow-m^3/Day (MGD)	N/A	N/A	N/A	1890 (0.5)	daily when discharge occurs	---

b. Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location: In the effluent stream prior to discharge.

PART I

Permit No.: ID-000007-8

A. EFFLUENT LIMITATIONS AND MONITORING REQUIRMENTS

10. During the period beginning on the effective date and lasting through September 30, 1978, the permittee is authorized to discharge from outfall serial number 012 (Slag water discharge).

11. During the period beginning on October 1, 1978 and lasting through the expiration date, the discharge from outfall serial number 012 (Slag water discharge) shall be authorized as specified below:

a. During the period beginning October 1, 1978 and lasting through July 31, 1979, discharge from outfall serial number 012 (Slag water discharge) shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTIC	DISCHARGE LIMITATIONS				MONITORING REQUIREMENTS	
	kg/day Daily Avg	(lbs/day) Daily Max	Other Units Daily Avg	Specify Daily Max	Measurement Frequency	Sample Type
Flow-m^3/Day (MGD)	N/A	N/A	3785 (1.0)	5680 (1.5)	Weekly	measure
Total Lead	N/A	N/A	N/A	4.4 mg/l	Weekly	grab
Total Zinc	N/A	N/A	N/A	37 mg/l	Weekly	grab
Total Cadmium	N/A	N/A	N/A	2.0 mg/l	Weekly	grab
Total Mercury	N/A	N/A	N/A	0.004 mg/l	Weekly	grab

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored weekly with a grab sample.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following locations: in the effluent stream prior to its discharge to either Bunker Creek or the South Fork Coeur d'Alene River.

b. During the period beginning on August 1, 1979, and lasting through the expiration date, the permittee shall control outfall serial number 012 (Slag water discharge) as specified in Part I.A.13.

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

c. Rather than meet the discharge limitations of Part I.A.11.a. and Part I.A.11.b. the permittee may elect the following:

(1) During the period beginning October 1, 1978, and lasting through April 30, 1982, the discharge from outfall serial number 012 (Slag water discharge) shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTIC	DISCHARGE LIMITATIONS			MONITORING REQUIREMENTS		
	kg/day (lbs/day) Daily Avg	kg/day (lbs/day) Daily Max	Other Units Daily Avg	Specify Daily Max	Measurement Frequency	Sample Type
Flow-m^3/Day (MGD)	N/A	N/A	3785 (1.0)	5680 (1.5)	Weekly	measure
Total Lead	N/A	N/A	N/A	4.4 mg/l	Weekly	grab
Total Zinc	N/A	N/A	N/A	37 mg/l	Weekly	grab
Total Cadmium	N/A	N/A	N/A	2.0 mg/l	Weekly	grab
Total Mercury	N/A	N/A	N/A	0.004 mg/l	Weekly	grab

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored weekly with a grab sample.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following locations: in the effluent stream prior to its discharge to either Bunker Creek or the South Fork Coeur d'Alene River.

(2) During the period beginning on May 1, 1982, and lasting through the expiration date, no discharge from outfall serial number 012 (Slag water discharge) shall be allowed.

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

12. During the period beginning on the effective date and lasting through July 31, 1979, the permittee is authorized to discharge pollutants from the gypsum pond and Central Impoundment Areas (CIA) through seeps, leakage, and/or rivulets by surface or sub-surface flow into Bunker Creek and the South Fork Coeur d'Alene River. The permittee shall continue present system of peripheral discharge until such time that the seepage prevention system is installed.

13. During the period beginning on August 1, 1979, and lasting through the expiration date, no discharge of pollutants from Bunker Hill's gypsum pond and CIA through seeps, leakage, and/or polluted rivulets by surface or sub-surface flow into Bunker Creek and the South Fork of the Coeur d'Alene River will be allowed except in accordance with this section of this permit. The permittee must comply with the following conditions:

a. Continue present system of peripheral discharge to August 1, 1979.

b. Prior to July 1, 1978, complete an engineering study to define all requirements, parameters and collect data necessary to design a seepage control system representing maximum use of available technology within the economic capability of the permittee to prevent the movement of contaminated seepage, leakage and/or polluted rivulets by surface or sub-surface flow from the permittee's gypsum pond and CIA into Bunker Creek and the South Fork of the Coeur d'Alene River. Upon completion of the study, all data and conclusions will be submitted to EPA for review and comment. EPA's comments will be given to permittee on or before September 1, 1978.

c. Permittee shall design, install and have operational said seepage control system no later than August 1, 1979. Plans and specifications for the installation of the system shall be submitted to EPA for approval by the Director, Enforcement Division, prior to December 31, 1978. EPA shall advise permittee of its approval or disapproval on or before January 31, 1979.

d. During all phases of the study under paragraph b. above and installation and operational fine-tuning, EPA shall have access to all data and sample analysis conducted by permittee. Further, EPA shall have upon reasonable notice physical access to inspect, sample and observe work on the seepage control system.

B. SCHEDULE OF COMPLIANCE

1. The permittee shall achieve compliance with the effluent limitations specified for discharges in accordance with the following schedule:

(a) For discharge serial number 006 (Part I.A.3.):

(1) July 1, 1978 - Complete Engineering plans

(2) October 1, 1978 - Begin construction

(3) April 1, 1979 - Submit a Report of Progress

(4) October 1, 1979 - Complete construction

(5) January 1, 1980 - Achieve compliance with effluent limitations.

(b) For discharge serial number 008 (Part I.A.5.):

(1) January 1, 1978 - Complete Engineering Plans

(2) April 1, 1978 - Achieve compliance with effluent limitations.

(c) For discharge serial number 010 (Part I.A.8.):

(1) January 1, 1978 - Complete Engineering Plans

(2) April 1, 1978 - Achieve compliance with effluent limitations.

(d) For discharge serial number 012 (Part I.A.11.):

(1) October 1, 1978 - Notification of selection of either condition Part I.A.11.b. or Part I.A.11.c.(2).

(2) For Part I.A.11.b.:

(i) August 1, 1979 - Achieve compliance

(3) For Part I.A.11.c.(2).:

(i) March 1, 1980 - Complete Engineering Plans

(ii) October 1, 1980 - Complete Plans & Specifications

(iii) March 1, 1981 - Begin construction

(iv) April 1, 1982 - Complete construction

(v) May 1, 1982 - Achieve compliance

(e) For achieving compliance with Part I.A.13.:

(1) July 1, 1978	-	Complete engineering study for seepage control system to comply with Part I.A.13. EPA shall review and comment on plans by September 1, 1978.
(2) December 31, 1978	-	Submit plans and specifications for installation of seepage control system to EPA for approval. EPA shall approve or disapprove by January 31, 1979.
(3) March 1, 1979	-	Commence installation of facilities.
(4) July 1, 1979	-	Complete installation of facilities.
(5) August 1, 1979	-	Attain operational level.

2. No later than 14 calendar days following a date identified in the above schedule of compliance, the permittee shall submit either a report of progress or, in the case of specific actions being required by identified dates, a written notice of compliance or noncompliance. In the latter case, the notice shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next schedules requirement.

C. MONITORING AND REPORTING

1. Representative Sampling

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge.

2. Reporting

Monitoring results shall be summarized each month on a Discharge Monitoring Report Form (EPA No. 3320-1). These reports for the previous one month shall be submitted monthly and are to be postmarked by the 14th day of the month following the end of the reporting period. The first reporting period ends on November 30, 1977. Duplicate signed copies of these, and all other reports herein, shall be submitted to the Director, Enforcement Division and the State agency at the following addresses:

United States Environmental Protection Agency
Region X
1200 Sixth Avenue
Seattle, Washington 98101

Attn: Water Compliance & Permits Branch M/S 521

Idaho Department of Health and Welfare
State of Idaho
Statehouse
Boise, Idaho 83702

3. Definitions

a. The "daily average" discharge means the total discharge by weight during a calendar month divided by the number of days in the month that the production or commercial facility was operating. Where less than daily sampling is required by this permit, the daily average discharge shall be determined by the summation of the measured daily discharges by weight divided by the number of days during the calendar month when the measurements were made.

b. The "daily maximum" discharge means the total discharge by weight during any calendar day.

4. Test Procedures

Test procedures for the analysis of pollutants shall conform to regulations published pursuant to Section 304(g) of the Act, under which such procedures may be required.

5. Recording of Results

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

a. The exact place, date, and time of sampling;

b. The dates the analyses were performed;

c. The person(s) who performed the analyses;

d. The analytical techniques or methods used; and

e. The results of all required analyses.

6. Additional Monitoring by Permittee

If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified above, the results of such monitoring shall be included in the calculation and reporting of the values required in the Discharge Monitoring Report form (EPA No. 3320-1). Such increased frequency shall also be indicated.

7. Records Retention

All records and information resulting from the monitoring activities required by this permit including all records of analyses performed and calibration and maintenance of instrumentation and recordings from continuous monitoring instrumentation shall be retained for a minimum of three (3) years, or longer if requested by the Director, Enforcement Division or the State water pollution control agency.

A. MANAGEMENT REQUIREMENTS

1. Change in Discharge

All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit more frequently than or at a level in excess of that authorized shall constitute a violation of the permit. Any anticipated facility expansions, production increases, or process modifications which will result in new, different, or increased discharges of pollutants must be reported by submission of a new NPDES application or, if such changes will not violate the effluent limitations specified in this permit, by notice to the permit issuing authority of such changes. Following such notice, the permit may be modified to specify and limit any pollutants not previously limited.

2. Noncompliance Notification

If, for any reason, the permittee does not comply with or will be unable to comply with any effluent limitations specified in this permit, the permittee shall provide the Director, Enforcement Division and the State with the following information, in writing, within five (5) days of becoming aware of such condition:

a. A description of the discharge and cause of noncompliance; and

b. The period of noncompliance, including exact dates and times; or if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate and prevent recurrence of the noncomplying discharge.

3. Facilities Operation

The permittee shall at all times maintain in good working order and operate as efficiently as possible all treatment or control facilities or systems installed or used by the permittee to achieve compliance with the terms and conditions of this permit.

4. Adverse Impact

The permittee shall take all reasonable steps to minimize any adverse impact to navigable waters resulting from noncompliance with any effluent limitations specified in this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

5. Bypassing

Any diversion from or bypass of facilities necessary to maintain compliance with the terms and conditions of this permit is prohibited, except (i) where unavoidable to prevent loss of life or severe property damage, or (ii) where excessive storm drainage or runoff would damage any facilities necessary for compliance with the effluent limitations and prohibitions of this permit. The permittee shall promptly notify the Director, Enforcement Division and the State in writing of each such diversion or bypass.

6. Removed Substances

Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters shall be disposed of in a manner such as to prevent any pollutant from such materials from entering navigable waters, except as limited in Part I-A.

7. Power Failures

In order to maintain compliance with the effluent limitations and prohibitions of this permit, the permittee shall either:

a. In accordance with the Schedule of Compliance contained in Part I, provide an alternative power source sufficient to operate the wastewater control facilities;

or, if such alternative power source is not in existence, and no date for its implementation appears in Part I,

b. Halt, reduce or otherwise control all discharges upon the reduction, loss or failure of the primary source of power to the wastewater control facilities.

B. RESPONSIBILITIES

1. Right of Entry

The permittee shall allow the head of the State water pollution control agency, the Director, Enforcement Division, and/or their authorized representatives, upon the presentation of credentials:

a. To enter upon the permittee's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this permit; and

b. At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit; and to sample any discharge of pollutants.

2. Transfer of Ownership or Control

In the event of any change in control or ownership of facilities from which the authorized discharges emanate, the permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Director, Enforcement Division and the State water pollution control agency. The new owner or successor shall submit a letter to the State water pollution control agency and the Director, Enforcement Division stating that he will comply with the requirements of this permit.

3. Availability of Reports

Except for data determined to be confidential under Section 308 of the Act, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the State water pollution control agency and the Director, Enforcement Division. As required by the Act, effluent data shall not be considered confidential. Knowingly making a false statement on any such report may result in the imposition of criminal penalties as provided for in Section 309 of the Act.

4. Permit Modification

After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term, for cause including, but not limited to, the following:

a. Violation of any terms or conditions of this permit;

b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or

c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

5. Toxic Pollutants

Notwithstanding Part II, B-4 above, if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the Act for a toxic pollutant which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be revised or modified in accordance with the toxic effluent standard or prohibition and the permittee so notified.

6. Civil and Criminal Liability

Except as provided in permit conditions on "Bypassing" (Part II, A-5) and "Power Failures" (Part II, A-7), nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance.

7. Oil and Hazardous Substance Liability

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under section 311 of the Act.

8. State Laws

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable State law or regulation under authority preserved by section 510 of the Act.

9. Property Rights

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

10. Severability

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

OTHER REQUIREMENTS

A. Analytical Quality Control

The permittee shall submit to the Director, Enforcement Division a summary of the analytical quality control program it proposes to use within 30 days of the effective date of this permit. Such summary shall:

1. Specify the appropriate analytical methods and quality control techniques the permittee proposes to use. The latter are to be taken from EPA publication "Handbook for Analytical Control in Water and Wastewater Laboratories", June 1972;

2. Describe the sample station locations, method and frequency of collection along with the flow measuring techniques and their level of accuracy;

3. Outline the procedures to be employed in preparing analytical results for reporting purposes and subsequent storage.

B. Best Available Technology Economically Achievable (July 1, 1983)

By July 1, 1981, the permittee shall submit an engineering plan and a schedule for achieving compliance with Best Available Technology Economically Achievable as required by July 1, 1983, pursuant to Public Law 92-500.

PART III

Permit No.: ID-000007-8

C. OTHER MONITORING REQUIREMENTS

During the period beginning 60 days after the effective date and lasting through the expiration date, the permittee shall monitor during days of operation at the following locations as specified below:

1. Bunker Creek just upstream of the culvert under I-90 freeway.

2. Government Creek below Sweeney Pond near the I-90 freeway.

PARAMETERS	MEASUREMENT FREQUENCY		SAMPLE TYPE
	Bunker Creek	Government Creek	
Flow	Weekly	5 days per week	Measure
Conductivity	Weekly	Continuous	---
pH	Weekly	Continuous	---
Total Cadmium	Weekly	Weekly	24 hour Composite
Total Iron	Weekly	Weekly	24 hour Composite
Total Lead	Weekly	Weekly	24 hour Composite
Total Manganese	Weekly	Weekly	24 hour Composite
Total Mercury	Weekly	Weekly	24 hour Composite
Total Zinc	Weekly	Weekly	24 hour Composite
Total Flouride	Weekly	Weekly	24 hour Composite